

TTG ACT GGT GAG TTC TTC CAG CAA TCT CAG CGG GCT GCC TTC ATC ATT GCA GGC ACC  
 GTC AAC TGG CTC TCC AAC TTT GCT GTT GGG CTC CTC TTC CCA TTC ATT CAG AAA AGT CTG  
 GAC ACC TAC TGT TTC CTA GTC TTT GCT ACA ATT TGT ATC ACA GGT GCT ATC TAC CTG TAT  
 TTT GTG CTG CCT GAG ACC AAA AAC AGA ACC TAT GCA GAA ATC AGC CAG GCA TTT TCC AAA  
 AGG AAC AAA GCA TAC CCA CCA GAA GAG AAA ATC GAC TCA GCT GTC ACT GAT GCT CCT GCT  
 TCT TCT CCT TTC ACT ACT CCG AAT ACA GCC TGG ATT CAA GCT GCC GCC ACC ACC GCC  
 ACC AAA AAA GAA CAC CCA TTG TAA ACG GTC ATG TGG TAT TTC CTC AAC CTG GAA TGA CCT

FIG. 1D

TTCC CCT ATC TTC TTT TTC TGG AGA ACA CCA AGT CAT GAT GTC AGA CAA GAG CTT GGA TTT  
TGG AGA CAT GGG TTT GAA TTC TTC CAG TCA TTC ATT CTT TTA TTC AGC AAA TAT TTA ACA AGT  
ACT GAC ATG TCC CAT ATG ATG TTT TTT TTT TTT TTT TTT TTT TTT TTT TTT TTT TTT  
AGA GAG AGA GAG AGA GAT GCT ATT CTA AAA GCT TGA AGT CTA GGC TGT GCA CGG TGG CTC  
ACG CCT GTA ATC CCA GCA CTT TGG GAG GCC GAG GTG GGT GGA TCG TGA GGT CAG GAG ATT  
GAG ACC ATC CTG GCT AAC ATG ATG GTG AAA CTA CTT TAC TAA AAA TAC AAA TTA GCT  
GAG CAT GGT GGC GGC CGC CGC CTG TAG TCC CAG CTA CTT GGG AGG CTG AGG CAG GAG AAT GGC  
GTG AAC CCA GGA GGC GGC GCT TGC AGT GAG CCG AGA TCA CAC CAC ACT CCA GCC TGG  
GTG ACA GAG CCA GAC TCC GTC TCA AAA AAA AAA AAA AAA AAA AAA AAA AAA GGC GGC  
CGC

**FIG. 1E**

met ala arg lys gln asn arg asn ser lys glu leu glv leu val pro  
 leu thr asp asp thr ser his ala gly pro pro gly pro gly arg ala leu leu glu cys  
 asp his leu arg ser gly val pro gly gly arg arg lys asp trp ser cys ser leu  
 leu val ala ser leu ala gly ala phe gly ser ser phe leu tyr gly tyr asn leu ser  
 val val asn ala pro thr pro tyr ile lys ala phe tyr asn glu ser trp glu arg arg  
 his gly arg pro ile asp pro asp thr leu thr leu leu trp ser val thr val ser ile  
 phe ala ile gly gly leu val gly thr leu ile val lys met ile gly lys val leu gly

**FIG. 2A**